



Red carpet rolls out

JSC Open House, Ballunar Festival offer variety of activities

Ongoing Activities

- Bldg. 2

Teague Auditorium

Lobby

Demos —Space suit briefing, shuttle home page

Activities —Teacher Resource Center, coloring sheets, glider build, rocket launches

Room 122

Displays — Shuttle evolution, patches, orbiter tiles, shuttle-Mir Model, spacehab, EVA suits, Mir model, Buran, Soyuz rocket, Thagard's Russian launch/entry suit, penguin suit, shaving kit, personal hygiene kit, sleeping bag, seat liner, personal floatation device, Mir/STS-71 docking target, Russian crafts, dictionaries, textbooks, costumes and Russian language

Videos — STS-79 docking animation, Priroda processing and launch, Baikonur launch pad, crew training, Mir science and EVA hardware

Television studio

Demos — World Wide Web NASA imagery

Displays — What City Is This?, Mission Update set, shuttle photographs and Chroma key wall

Videos — Mission animation, Earth views, educational shows, shuttle crew images and mission update
- Bldg. 3

Cafeteria

Astronaut autographs

Displays — Workforce data charts, co-op program, educational requirements, budget charts, diversified workforce and benefits from space

Interactive Activity — University search, "Fly Your Name to Saturn"
- Bldg. 5

Shuttle and Space Station Simulator Facility

Tours — Shuttle Mission Training Facility, Space Station Training Facility

Demo — Hughes mobile simulator

Displays — Manned space training division, ATSC-four decades of experience, USA-benefits of human space flight, Unisys-software operations, Hughes—history of simulation and training, restored Corvette and memorabilia

Videos — History of Space, NASA Space Technology and NASA Television
- Bldg. 7/7B

Advanced Closed-Loop Life Support Chambers

Space Suit Laboratory

Demos — Launch/entry suit and crew escape hardware, EVA equipment

Displays — Advanced life support systems integration facility, bioregenerative planetary life support systems test, vacuum chambers for space suit evaluation and crew training, fabric and polymeric materials developed for space, ambient and variable pressure plant growth chambers and synthetic soil
- Bldg. 9

Shuttle and Station Mockups and Trainers

Tours —International Space Station Mockup, Full Fuselage Trainer, Crew Compartment Trainers and Orbiter Docking System

Demos — ISS videoteleconferencing, precision air bearing facility, manipulator development facility, automated robotic maintenance of space station and multi-media space educators handbook

Displays — Robotic hands and future mobile remote manipulator development
- Bldg. 9S

Mockup Fabrication Facility

Demos — Rapid-prototyping and photo-fabrication

Displays — Cleanroom, metal finishing, engraving, autoclave, resin transfer molding workstation, curved graphite/epoxy panel, composite manufacturing tools, honeycomb panels and composite mechanical test specimens
- Bldg. 10

Machine Manufacturing Facility

Demos — Water knife, Trumpf machining, Mazak mills and Hurco milling machines

Displays — Welding techniques, fabrication of space fabrics, T-38 wiring harness fabrication, simplified aid for EVA rescue, shuttle light weight seats and electrical discharge machine
- Bldg. 11

Cafeteria

Astronaut autographs

Martian Displays — Martian meteorite, Martian soil simulant with Leggo rovers, Mars exploration images

Interactive activity — "Fly Your Name to Saturn"
- Bldg. 13

Spacecraft Mechanisms and Thermal Control

Demos — Dynamics analysis and test, shuttle thermal tiles, vibration isolation techniques, heat distribution and temperature gradients measurements

Displays — DoD space shuttle/station experiments, shuttle tire and brakes, SPIFEX qualification unit, shuttle escape pole and shuttle drag chute

Photo opportunity — Lightweight seat
- Bldg. 14

Space Communications Systems

Tour — Antenna test chamber

Demos — Orbiter communications adapter and voice command system

Displays — Mir communications system, trajectory control system, microwave heart catheter, space station antenna analysis and space to space communications system
- Bldg. 15

Human Spacecraft Propulsion and Power Systems

Demos — DYTRAN analysis and automated cable analyzer system

Displays — Apollo 13 oxygen tank/destratification fan, lunar excursion module, ascent/descent engines and small thrusters, Apollo fuel cell, shuttle systems, shuttle fuel cell, shuttle pyrotechnics, auxiliary power unit/hydraulics, reaction control system, batteries, space station propulsion, proton exchange membrane fuel cell, SELODE, heart pump, human lunar return and Mars resource utilization system technology program
- Bldg. 16

Aerospace Testing and Simulations

Demos — Rendezvous and docking simulation, shuttle landing simulation, computer flow visualization, global positioning system and STS-71 shuttle/Mir rendezvous simulation replay

Displays — Aerospace testing and simulation and general aerospace
- Bldg. 17

Advanced Studies Projects

Display — Construction of open-cockpit lunar lander
- Bldg. 29

Weightless Environment Training Facility

Tour — Weightless Environment Training Facility
- Bldg. 30

Mission Control Center

Tour — Mission Control Center

Displays — USA, Lockheed-Martin and Allied Signal

Videos — History of Space and NASA Space Technology
- Bldg. 32

Space Simulation Laboratory

Demo — US/Russian space suits

Displays — Orbiter upgrades, reusable launch vehicle and chamber A space environment simulator
- Bldg. 35

Shuttle Simulator Facility

Tour — Guidance and navigation simulator

Videos — History of Space and NASA Space Technology
- Bldg. 37

Life Sciences Research Projects

Tour — Neurolab

Demos — Telemedicine

Displays — Bio technology, nutrition, shuttle/Mir science experiments, crew health care system, orbiter medical system and Mir supplemental, Biomedical Research Institute, water/air testing and medical kit
- MSFC Space Station Trailers

Displays — U.S. Lab and U.S. Habitual Lab

Ellington Field

Demo — Electronic flight instrumentation system

Displays — Shuttle training aircraft, crew equipment, T-38 ejection non-destructive inspection seat, avionics upgrade, modification process and J-85 engine

Photo opportunity — T-38 cockpit trainer

Sonny Carter Training Facility

Tour — Neutral Buoyancy Laboratory

Schedule of Events

- Friday

7 a.m. — Media Flights

6 p.m. — Aviation displays, arts/crafts fair, food booths, midway attractions and community/art exposition

7:30 p.m. — Skydiving, parade of pilots, balloon glow and concert

8-11 p.m. — KHMX mixer
- Saturday

7 a.m. — Balloon flight competition, aviation displays, arts/crafts fair, food booths, midway attractions, community/art exposition and symphony music

7-9 a.m. — Brass ensemble

9 a.m.-4 p.m. — JSC Open House

9 a.m.-6 p.m. — Children's entertainment, hang glider flight demos, Texas state record sky diving event, model rocket demos, Confederate Air Force flights, tethered balloons and remote control aircraft demos

9:30 a.m. — "Go for Orbit Ops": Shuttle Highlights from the Past Year in Teague Auditorium

10:30 a.m. — Close Encounters in Space: Shuttle/Mir Rendezvous Highlights in Teague Auditorium

11:30 a.m. — Living and Working on Mir: Space Station Phase I in Teague Auditorium

1 p.m. — Life Out There: Findings from a Martian Meteorite in Teague Auditorium and Max-Q performance in Bldg. 9

2 p.m. — Space Technology in Your World: Real-Life Applications of NASA Technology in Teague Auditorium

3 p.m. — The Road Ahead: Exploration and Development of Space in Teague Auditorium and Max-Q performance in Bldg. 9

6 p.m. — Balloon flight

7:30 p.m. — Balloon glow, concert and Elvis in the sky

8-11 p.m. — Saturday Night Fever featuring the Trammps
- Sunday

7-9 a.m. — Key grab, balloon flight competition and brass ensemble

7 a.m. — Aviation displays, arts/crafts fair, food booths, midway attractions, community/art exposition and symphony music

9 a.m.-6 p.m. — Children's entertainment, hang glider flight demos, Texas state record sky diving event, model rocket demos, Confederate Air Force flights, tethered balloons and remote control aircraft demos

4-8 p.m. — Konstalecion Tejano show

6 p.m. — Fly away

7:30 p.m. — Concert

